

GPD2 Antibody

Catalog No: #43763

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

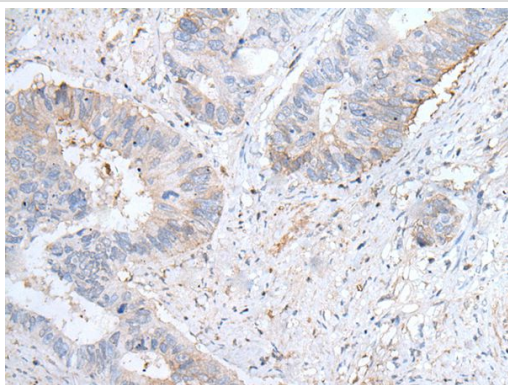
Description

Product Name	GPD2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total GPD2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human GPD2
Target Name	GPD2
Other Names	GDH2; GPDM; mGPDH
Accession No.	Swiss-Prot#: P43304NCBI Gene ID: 2820
Uniprot	P43304
GeneID	2820;
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

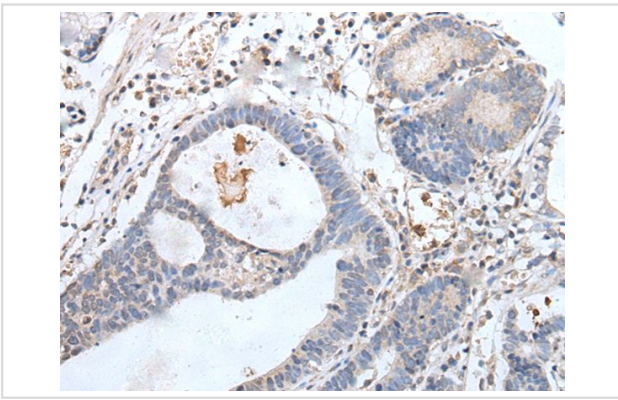
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using GPD2 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using GPD2 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

The protein encoded by this gene localizes to the inner mitochondrial membrane and catalyzes the conversion of glycerol-3-phosphate to dihydroxyacetone phosphate, using FAD as a cofactor. Along with GDP1, the encoded protein constitutes the glycerol phosphate shuttle, which reoxidizes NADH formed during glycolysis. Two transcript variants encoding the same protein have been found for this gene.

Note: This product is for in vitro research use only